

ABSTRACT OF THE DISCLOSURE

[0028] Systems and techniques are disclosed for a headset that may be used in an audio system used in a magnetic field. In one aspect, the system includes an inner set portion adapted to fit into an ear canal. A pneumatic port is disposed in the hole to couple audible sounds to the ear canal. The system may include a non-magnetic transducer coupled to the pneumatic port. The system also may include a fiber-optic microphone to couple sound from a user of the headset. Other techniques provide a stethoscope-type yoke to couple the pneumatic port and the fiber-optic antenna to the non-magnetic transducer.